

## **CURRICULUM VITAE**

**NAME:** Stephen John Haines, M.D.

**OFFICE ADDRESS:** Department of Neurological Surgery  
Medical University of South Carolina  
PO Box 250616  
96 Jonathan Lucas Street-Suite 428 CSB  
Charleston, SC 29425-2272  
(843) 792-2422 (administrative)  
(843) 792-9782 (clinical)  
(843) 792-0468 FAX  
email: hainesj@musc.edu

## **EDUCATION AND TRAINING**

### **UNDERGRADUATE**

A.B. Mathematics and Social Sciences	Dartmouth College Hanover, New Hampshire
--	---

### **GRADUATE**

M.D.	University of Vermont College of Medicine
------	--

### **POST-GRADUATE**

Medical Fellow (Intern) Surgery	University of Minnesota Health Sciences Center
Resident Neurological Surgery	University of Pittsburgh School of Medicine
Fellowship in Clinical Trials	University Department of Clinical Neurology Oxford University

## **CONTINUING MEDICAL EDUCATION - NEW SKILL ACQUISITION**

1983	AANS/AAOS Chicago, IL	Intradiscal Therapy Course
1983	University of Tennessee	Neurosurgery Laser Workshop
1986	University of Minnesota/	Pneumatic Instrumentation

Redacted Curriculum Vitae – Stephen J. Haines 07/09/03

	Midas Rex Institute	Workshop
1988	Delray Community Hospital Florida	Automated Percutaneous Discectomy Workshop
1988	University of Utah	BRW Image Guided Stereotactic Workshop
1990	UCLA	Cranial Base Surgery Workshop
1991	Mayfield Neurological Institute	Use of Lasers in Endoscopic Neurosurgery
1991	Cincinnati and Phoenix Children's Hospitals (Boston)	Introduction to Neuroendoscopy
1993	Orthopedic Learning Center Minneapolis, MN	Spinal Endoscopy
1996	Radionics Boston, MA	Stereotactic Radiosurgery Training Course
1998	Harvard School of Public Health Boston, MA	Course for Chairs of Clinical Departments
1998	American Association of Medical Colleges	Program for Department Chairs
2000	Harvard School of Public Health Boston, MA	Advanced Course for Chairs of Clinical Departments
2002	Sarasota Memorial Hospital	Kyphoplasty Training
2003	Presbyterian Institute of Minimally Invasive Therapy, Dallas, TX	Image Guided Spinal Surgery (BrainLab Spine Masters)

### **CONTINUING MEDICAL EDUCATION - COURSE INSTRUCTOR**

1. Anterior craniofacial resection. Postgraduate Course in Skull Base Surgery, presented at American Association of Neurological Surgery, Nashville, TN, May, 1990.
2. Electrocochleographic monitoring during acoustic neuroma surgery, presented at Congress of Neurological Surgeons, Practical Course on Acoustic Neuroma, Washington, DC, November 1, 1992.
3. Acoustic schwannomas, presented at:  
Congress of Neurological Surgeons, Vancouver, BC, October, 1993.  
American Association of Neurologic Surgeons, San Diego, CA, April, 1994.  
Congress of Neurological Surgeons, Chicago, IL, October, 1994.  
Congress of Neurological Surgeons, San Francisco, CA, October, 1995.
4. Infratemporal fossa approaches. Practical Course in Skull Base Surgery, North American Skull Base Society, February, 1994.
5. Neuroendoscopy, presented at Congress of Neurological Surgeons, Chicago, IL, October 1994, San Francisco, CA, October, 1995.
6. Outcomes analysis, presented at Congress of Neurological Surgeons, Chicago, IL, October 1994, Montreal, Canada, October, 1996.
7. Evidence-based Neurosurgery: Evidence in Practice. Course director and instructor. American Association of Neurological Surgeons, Toronto, ON, 2001
8. Funny shaped heads: Microcephaly, macrocephaly, craniosynostosis, and plagiocephaly, presented at the Pediatric Neuroscience Update Conference, Charleston, SC, 2002.
9. Brain lumps: tumors, presented at the Pediatric Neuroscience Update Conference, Charleston, SC, 2002.
10. Surgery of the Skull Base, Anspach Skull Base Surgery Lab, West Palm Beach, FL, July, 2002

### **ACADEMIC APPOINTMENTS**

1982-1987	University of Minnesota	Assistant Professor of Neurosurgery
1987-1993	University of Minnesota	Associate Professor of Neurosurgery
1988-1993	University of Minnesota	Associate Professor of Otolaryngology
1993-1997	University of Minnesota	Professor of Neurosurgery
1993-1997	University of Minnesota	Professor of Otolaryngology
1993-1997	University of Minnesota	Professor of Pediatrics

1997-present	Medical University of South Carolina	Professor of Neurosurgery, Otolaryngology and Pediatrics
--------------	---	---

### **ADMINISTRATIVE APPOINTMENTS**

1985-1997	University of Minnesota	Department of Neurosurgery Head, Division of Pediatric Neurosurgery
1989-1995	University of Minnesota	Department of Neurosurgery Director, Neurosurgery Residency Training Program
1993-1995	University of Minnesota	Department of Neurosurgery Associate Chief for Clinical Affairs
1997-present	Medical University of South Carolina	Department of Neurological Surgery Chairman
1999-present	Medical University of South Carolina	Co-Director, Neuroscience Institute

### **LICENSURE AND CERTIFICATION**

Diplomate, National Board of Medical Examiners

Licensed Physician and Surgeon,  
Commonwealth of Pennsylvania (inactive)

Licensed Physician and Surgeon, State of Minnesota

Licensed Physician and Surgeon, State of South Dakota

Diplomate, American Board of Neurological Surgery

Fellow, American College of Surgeons

Licensed Physician and Surgeon, State of South Carolina

### **HONORS AND AWARDS**

#### **UNDERGRADUATE**

A.B. Magna cum Laude, highest distinction in major field  
Kemeny Computing Prize  
Phi Beta Kappa

## **GRADUATE**

Mosby Scholarship Book Award  
Alpha Omega Alpha

## **POST-GRADUATE**

Honorable Mention, American Academy of Neurological Surgery  
Annual Resident's Award  
William P. Van Wagenen Fellowship, American Association of  
Neurological Surgeons

Who's Who in the South	2000 – present
Who's Who in America	1998 - present
Who's Who in Medicine and Healthcare	1998 - present
Who's Who in the Midwest	1996 - 1997
Best Doctors in America - Central Region	1996 - 1997
Best Doctors in America	2000 –
Who's Who of Emerging Leaders in America	1989 -1990

## **PROFESSIONAL AND SCIENTIFIC SOCIETIES**

Alpha Omega Alpha  
American Academy of Neurological Surgeons - elected 1994  
American Association of Neurological Surgeons  
American Association of Neurological Surgeons - Pediatric Section  
American College of Surgeons  
Minnesota Chapter President - 1994-1995  
American Medical Association  
Congress of Neurological Surgeons  
Executive Committee - 1991-1993  
Vice-President - 1993-1994  
President Elect - 1994-1995  
President - 1995-1996  
International Society for Pediatric Neurosurgery  
International Society for the Pediatric Skull Base  
Vice-President - 1991-1994  
Minnesota Society for Neurological Sciences  
Secretary Treasurer - 1988-1989  
Vice-President - 1989-1990  
President - 1990-1991  
Neurosurgical Society of America, elected 1992  
North American Skull Base Society

Society of Neurological Surgeons - elected 1993

Program Chairman – 1997 – 1998

Society for Clinical Trials – 1989 - present

South Carolina Medical Association – 1997 - present

Southern Neurosurgical Society – 1999 - present

Trigeminal Neuralgia Association

Medical Advisory Board – 1992 – present

Hemifacial Spasm Society

Medical Advisory Board – 2001 - present

World Federation of Neurosurgical Societies (WFNS) – 2000 – present

Neuro-Rehabilitation Committee

### **PROFESSIONAL SERVICE**

Congress of Neurological Surgeons

Open Scientific Program Committee

1984, 1991

Chairman

1985, 1992

Sergeant-at-Arms Committee

1984, 1986

Chairman

1991

Special Interest Workshops Committee

1984

Luncheon Discussion Committee

1988

Practical Workshops Committee - Chairman

1986

General Scientific Session I Committee - Chairman

1987, 1994

Editorial Board, Clinical Neurosurgery

1985 - 1988

Editorial Board, Neurosurgery

1988 - 1994, 2002

Luncheon Seminars Committee

1989

Host Committee

1990

Executive Committee

1990 - 1996

Editor, CNS Newsletter

1990 - 1993

Book Review Editor, Neurosurgery

1992 - 1994

Education Committee

1992 - 1996

Vice-President

1993 - 1994

President Elect

1994 - 1995

President

1995 - 1996

Director, COSIN (Clinical & Outcomes Studies In Neurosurgery)

1993 - 1996

Publications Committee

1994 - 1997

Chairman

1997

Penfield Clinical Fellowship Review Committee

2001 - 2002

American College of Surgeons

Committee on Young Surgeons

1989 - 1994

Chairman

1992 - 1994

Minnesota Chapter, Executive Committee

1992 - 1994

Vice-President

1993 - 1994

President

1994 - 1995

American Association of Neurological Surgeons

Joint Committee on Education: Research Subcommittee

1985 - 1994

## Redacted Curriculum Vitae – Stephen J. Haines 07/09/03

Decade of the Brain Task Force - Minnesota Representative	1990
Liaison to American Academy of Orthopedic Surgeons	1991 - 1992
Young Neurosurgeons Committee Liaison	1991 - 1992
Scientific Program Committee -	1992 - 1993
Young Neurosurgeon's Representative	
Pediatric Section - Publications Committee	1994 - 1997
Committee on the Assessment of Quality	1995 - present
Vice-Chairman	1995 - present
 AANS - CNS Joint Committee on Education	
Clinical Trials Registry	1985 - 1993
 North American Skull Base Society	
Chairman, Research and Protocol Committee	1992 - 1995
 Neurosurgical Society of America	
Chairman, Scientific Committee	1993 - 1994
Local Arrangements Chair	2002
 Minnesota Neurosurgical Society	
Delegate to Joint Council of State Neurosurgical Societies	1992 - 1996
 University of Minnesota Hospitals and Clinics	
Outreach Subcommittee	1984 - 1988
Infant Care Committee	1984 - 1988
Children's Hospital Mission Committee	1985
Child Abuse Committee Consultative Team	1985 - 1997
Patient Monitoring Subcommittee	1984 - 1997
Laser Safety Committee	1985 - 1989
Patient Relations Committee	1986
Pediatric Brain Tumor Task Force	1983 - 1997
Medical Record and Patient Care	1988 - 1991
Information Committee	
Multidisciplinary Medical Advisory Committee	1990 - 1997
for Pediatric Critical Care	
Continuing Medical Education Council	1990 - 1994
Tissue and Procedure Committee	1991 - 1997
Chairman	1994 - 1997
Director, 4D Surgical ICU - Neurosurgery	1992 - 1997
Clinical Quality Improvement Committee	1993 - 1997
Variety Club Children's Hospital	
Medical Staff Committee	1989 - 1997
 University of Minnesota Medical School	
Educational Policy (Curriculum) Committee	1989 - 1994
Biomedical Ethics Committee - Consultant	1992 - 997
Special Task Forces	
Medical School Budget Committee - Chairman	8/95 - 4/96
<i>Review of financial management of Medical School</i>	

## Redacted Curriculum Vitae – Stephen J. Haines 07/09/03

Faculty Organization and Relationships Task Force	3/95 - 8/95
<i>Propose single faculty practice organization - Chair</i>	8/95 - 5/97

### Medical University of South Carolina

#### University Medical Associates

Board of Directors	1997 - present
UMA Committee on Articles of Incorporation and By-Laws	1997 - present
IDX/Xcede Committee – Co-Chair	2003

#### Medical Center

Clinical Information (CIS) Steering Committee	1997
Children's Hospital Executive Committee	1997 - present
Hospital Executive Committee	1997 - 2000
OR Committee	1997 - present
OR Committee – Chair	1999 - present
OR Executive Committee	1999 - present
MUSC Medical Executive Committee	2002

Clinical Enterprise Strategic Planning Committee	1998 - present
Clinical Investigator Task Force Committee	1998
Children's Hospital Strategic Plan Committee	1998
Neurology Clinical Services Committee	1998
Department of Neurology Chairman Search Committee - Chair	1998
Neuroscience Institute Committee	1998 - present
True Group Practice Committee	1998
College of Medicine Student Clinical Faculty Advisor	2000 - present
Associate Member of the Graduate Faculty, College of Graduate Studies	2001 - present
Department of Radiology Chair Search Committee	2002
GME Task Force	2002 – present
Organ and Tissue Procurement Task Force	2003

AMA DATTA Reviewer	1991 – present
UCSF-Stanford Evidence-based Practice Center Review Panel	2001

#### Food and Drug Administration

Neurological Devices Panel of the Medical Devices Advisory Committee, Center for Devices and Radiological Health	
Consultant	2001
Voting Member	2001 – 2005

#### National Stroke Association

Evidence-based Clinical Practice Guidelines for Recurrent Stroke Prevention Panel Member	2002
---	------

#### American Heart Association

Scientific Stroke Council Member	2002 - 2003
----------------------------------	-------------

## EXTERNAL PEER REVIEW

#### NIH - National Cancer Institute

Ad hoc Review Panel for Brain Tumor	1984
-------------------------------------	------



Study Group Research Proposal

NIH - National Institutes of Neurological Disorders and Stroke Guest Reviewer, Neurology Study Section A Montreal Neurologic Institute and Hospital External Review Team National Heart Lung and Blood Institute Vascular Medullary Compression and High Blood Pressure Special Emphasis Panel	October, 1989 May, 1992 March 6, 1998
--	---

**EDITORIAL BOARDS**

<u>Clinical Neurosurgery</u>	1985 - 1988
<u>Neurosurgery</u>	1988 - 1998 2002 - present
<u>Child's Nervous System</u>	1993 - 1999
<u>Critical Reviews in Neurosurgery</u>	1993 - 2000
Book Review Editor, <u>Neurosurgery</u>	1992 - 1994
Guest Editor, <u>Neurosurgery Clinics of North America</u>	April, 1992 July, 1993
Ad hoc reviewer for <u>JAMA</u>	1985 - present
Ad hoc reviewer for <u>Skull Base Surgery</u>	1993 - present
Concepts in Neurological Surgery (with Paul B. Nelson, M.D.) Volume 7: Minimally Invasive Techniques in Neurosurgery Volume 8: The Molecular Basis of Neurological Disease Volume 9: Neurosurgery in Transition Volume 10: Cost and Quality in Neurosurgery	1993 - 2001
Cochrane Stroke Group Editorial Board	1999 – present
Reviewer for <u>Acta Neurochirurgica</u>	2002
Section Editor for <u>Textbook of Neurological Surgery</u>	2001-2002

**RESEARCH FUNDING**

*Principal Investigator*

- Medical Foundation Grant in Aid  
"An experimental model of hypertension produced by pulsatile compression of the brain"  
1982 - 1984
- Grant in Aid  
"An experimental model of neurogenic hypertension" 1984 - 1986
- Grant in Aid  
"Experimental surgical excision of brain stem hemorrhage" 1988 - 1990
- Grant in Aid  
"Perfluorocarbon treatment of experimental brainstem hemorrhage"  
1989 - 1990

National Institutes of Health

"Conventional vs. Percutaneous Discectomy: A Clinical Trial"  
RO1 911044389  
8/1994 – 7/1998

---Research Board

"Evaluation of the Methylprednisolone Protocol for Spinal Cord Injury"  
2002 – present

*Institutional Principal Investigator*

NIH - NINCDS:

"North American Symptomatic Carotid Endarterectomy Trial"  
H. J. Barnett, S. J. Peerless, Principal Investigators  
S. J. Haines, University of Minnesota Clinical Center, Principal Investigator  
1988 - 1997

---Research Foundation

"Shunt Design Trial"  
John Kestle, James Drake, Principal Investigators  
1993 – 1997

---

"Strata Valve Clinical Study (Originally known as Kronos): Study of the Strata Valve in the Management of Hydrocephalus"  
1998 - ongoing

FDA and Genentech, Inc.

John's Hopkins University (Subcontract)

"Effectiveness of Recombinant Plasminogen Activator on Resolution of Intraventricular Hemorrhage"  
1999 – 2002

Nosocomial Pneumonia Study No. LOFBIV-PNOP-001 LEVAQUIN – ---

"Open label study to compare the safety and efficacy of levofloxacin with that of imipenem/cilastatin in the treatment of nosocomial pneumonia.  
CAPSS-117 Nosocomial Pneumonia  
2000 – 2001

---

Prospective Multi-Institutional Randomized Study To Evaluate The Effects of Microvascular Decompression On Type 2 Diabetes Mellitus, 2001 – present

*Co-Investigator*

---Grant in Aid

"Evaluation of the therapeutic benefits of early evaluation of pontine hemorrhages"  
---, Principal Investigator  
1983 - 1984 ---Grant in Aid  
"Evaluation of pharmacological therapy in Brainstem Hemorrhage"

---, Principal Investigator  
1985

---

"Kinematic and Limb Stiffness Evaluation of the MPTP Primate"  
---, Principal Investigator  
1989 - 1990

--- - "Phase I, Open Label, nonrandomized, Multicenter, Dose Escalating Study of Interstitial <sup>131</sup> I-125 for the Treatment of Recurrent Glioblastoma Multiforme and Anaplastic Astrocytoma. ---, Principal Investigator 1998 – ongoing

--- "Phase II, Open Label, nonrandomized, Multicenter Study of Interstitial <sup>131</sup> I-125 for the Treatment of Newly Diagnosed Non-resectable GBM or Recurrent Anaplastic Astrocytoma and Glioblastoma Multiforme.  
---, Principal Investigator  
1998 – ongoing

---Initiatives Grant – College of Nursing  
"Community Based Intervention: Prevention of Neurological Injuries in Your Children:  
**Think First for Kids**" - 1998 – 2001

## **Bibliography for Stephen J. Haines, M.D.**

### Refereed Journals

1. **Haines SJ**, Maroon JC, Jannetta PJ. Supratentorial intracerebral hemorrhage following posterior fossa surgery. J Neurosurg 49(6):881-886, 1978.
2. **Haines SJ**. Dysphasia medicus multisyllabatorum: A new iatrogenic disease. J Irrep Results 23:21-22, 1978.
3. Dujovny M, Kossovsky N, Kossovsky R, **Haines S**, Maroon J. Heifitz clip failure. A metallurgical study. J Neurosurg 50(3):368-373, 1979.
4. **Haines SJ**. Randomized clinical trials in the evaluation of surgical innovation. J Neurosurg 51(1):5-11, 1979.
5. **Haines SJ**, Martinez AJ, Jannetta PJ. Arterial cross compression of the trigeminal nerve at the pons. Case report with autopsy findings. J Neurosurg 50(2):257-259, 1979.
6. Maroon JC, **Haines SJ**, Phillips JG. Calvarial hemangioendothelioma with intracranial hemorrhage: case report. Neurosurgery 4(2):178-180, 1979.
7. **Haines SJ**, Jannetta PJ, Zorub DS. Microvascular relations of the trigeminal nerve: an anatomic study with clinical correlation. J Neurosurg 52(3):381-386, 1980.

8. **Haines SJ.** Systemic antibiotic prophylaxis in neurological surgery. *Neurosurgery* 6(4):355-361, 1980.
9. **Haines SJ.** Six statistical suggestions for surgeons. *Neurosurgery* 9:414-418, 1981.
10. Heros R, Worley P, Moossy J, Dujovny M, **Haines S.** Revascularization in the gerbil stroke model: Its influence on survival and the incidence of hemorrhagic infarction. *J Cerebr Blood Flow and Metab* 1, Suppl. 1:S200-S201, 1981.
11. **Haines SJ,** Taylor F. Prophylactic methicillin for shunt operations: Effects on incidence of infection and malfunction. *Child's Brain* 9(1):10-22, 1982.
12. **Haines SJ,** Goodman M. Antibiotic prophylaxis of postoperative neurosurgical wound infection. *J Neurosurg* 56(1):103-105, 1982.
13. **Haines SJ.** Topical antibiotic prophylaxis in neurosurgery. *Neurosurgery* 11(2):250-253, 1982.
14. **Haines SJ.** Randomized clinical trials in neurosurgery. *Neurosurgery* 12(3):259-264, 1983.
15. UK-TIA STUDY GROUP: Variation in the use of angiography and carotid endarterectomy by neurologists in the UK-TIA aspirin trial. *Brit Med J* 286:514-517, 1983.
16. Nagib MG, **Haines SJ,** Erickson DL, Mastro AR. Tuberous sclerosis: A review for the neurosurgeon. *Neurosurgery* 14(1):93-98, 1984.
17. VanderArk GD, **Haines SJ.** Prevention of neurosurgical wound infections. *Contemporary Neurosurgery* 6.2:1-5, 1984.
18. Deutschman CS, **Haines SJ.** Anticonvulsant prophylaxis in neurosurgery. *Neurosurgery* 17(3):510-517, 1985.
19. **Haines SJ.** The chymopapain clinical trials. *Neurosurgery* 17(1):107-110, 1985.
20. **Haines SJ,** Haines GL. Exploring the normal myelogram: an historical perspective. *Minnesota Med* 68(7):529-532, 1985.
21. **Haines SJ,** Jung T.T.K. Hearing preservation in acoustic neuroma. *Minnesota Med* 68(11):825-827, 1985.
22. **Haines SJ.** Antibiotic prophylaxis in neurosurgery. *Clinical Neurosurgery* 33:633-642, 1986.
23. Mollman HD, **Haines SJ.** Risk factors for postoperative neurosurgical wound infection. *J Neurosurg* 64(6):902-906, 1986.
24. Moss SD, **Haines SJ,** Leonard AS, Dehner LP: Congenital supra- and infratentorial peripheral neurogenic tumor: a clinical, ultrastructural and immunohistochemical study. *Neurosurgery* 19(3):426-433, 1986.

25. Bergman TA, Rockswold GL, **Haines SJ**, Ford S. Outcome of severe head injury in the Midwest: A review and comparison with other major head trauma studies. *Minnesota Medicine* 70(7):397-401, 1987.
26. Albright AL, **Haines SJ**, Taylor FH. Function of parietal and frontal shunts in childhood hydrocephalus. *J Neurosurgery* 69(6):883-886, 1988.
27. **Haines SJ**. Decerebrate posturing misinterpreted as seizure activity. *Am J of Emerg Med* 6(2):173-177, 1988.
28. **Haines SJ**, Erickson DL, Wirtschafter JD. Optic nerve decompression for osteopetrosis in early childhood. *Neurosurgery* 23(4):470-475, 1988.
29. **Haines SJ**. The art and science of evaluating neurosurgical treatment. *Clinical Neurosurgery* 35:45-458, 1989.
30. **Haines SJ**. Efficacy of antibiotic prophylaxis in clean neurosurgical operations. *Neurosurgery* 24(3):401-405, 1989.
31. Wen DY, Bergman TA, Haines SJ. Acute cervical myelopathy from hereditary multiple exostoses: Case report. *Neurosurgery* 25(3):472-475, 1989.
32. Camarata PJ, McGeachie R, **Haines SJ**. Dorsal midbrain encephalitis caused by propionibacterium acnes. *J Neurosurgery* 72(4):654-659, 1990.
33. Turner DA, Tracy J, **Haines SJ**. Risk of late stroke and survival following carotid endarterectomy procedures for symptomatic patients, *J Neurosurgery* 73(2):193-200, 1990.
34. **Haines SJ**, Berger MS. Current treatment of Chiari malformations types I and II - A survey of the Pediatric Section of the AANS, *Neurosurgery* 28(3):353-357, 1991.
35. **Haines SJ**, Torres F. Intraoperative monitoring of the facial nerve during decompressive surgery for hemifacial spasm. *J Neurosurgery* 74(2):254-257, 1991.
36. Coad JE, Wirtschafter JD, **Haines SJ**, Heros RC, Perrone T. Familial hemifacial spasm associated with arterial compression of the facial nerve, *J Neurosurgery* 74(2):290-296, 1991.
37. Friehs GM, Parker RG, He LS, **Haines SJ**, Turner DA, Ebner TJ. Lesioning of the striatum reverses motor asymmetry in the 6-hydroxydopamine rodent model of parkinsonism. *J Neural Transplantation and Plasticity* 2(2):141-156, 1991.
38. Wen DY, Hardten DR, Wirtschafter JD, Sung JH, **Haines SJ**. Elevated intracranial pressure from cerebral venous obstruction by Masson's vegetant intravascular hemangioendothelioma. Case report. *J Neurosurgery* 75(5):787-790, 1991.
39. Levine S, Antonelli PJ, Le CT, **Haines SJ**. The relative value of diagnostic tests for small acoustic neuromas. *Am J of Otology*, 12(5):341-345, 1991.

40. Bergman TA, **Haines SJ**. Subependymoma of the cervical spinal cord: A case report of long-term survival. *Minnesota Medicine*, 74(11):21-24, 1991.
41. Berman EL, Chu A, Wirtschafter JD, Cameron JD, Manivel C, Duvall AJ, **Haines SJ**. Esthesioneuroblastoma presenting as sudden unilateral blindness: Histopathologic confirmation of optic nerve demyelination. *J Clin Neuro-ophthalmology*, 12(1):31-36, 1992.
42. Camarata PJ, Parker RG, Park SK, **Haines SJ**, Turner DA, Chae H, Ebner TJ. Effects of MPTP-induced hemiparkinsonism on the kinematics of a two dimensional, multijoint arm movement in the rhesus monkey. *Neuroscience*, 48(3):607-619, 1992.
43. **Haines SJ**. Antibiotic prophylaxis in neurosurgery: The controlled trials. *Neurosurg Clin N America* 3(2):355-358, 1992.
44. Wen DY, Seljeskog EL, **Haines SJ**. Microsurgical management of craniopharyngiomas. *Br J of Neurosurgery* 6(5):467-474, 1992.
45. Wen DY, Bottini AG, Hall WA, **Haines SJ**. Infections in neurologic surgery. The intraventricular use of antibiotics. *Neurosurg Clin N America*, 3(2):343-354, 1992.
46. **Haines SJ**, Marentette LJ, Wirtschafter JD. Extended fronto-orbital approaches to the anterior cranial base: Variations on a theme. *Skull Base Surgery* 2:134-141, 1992.
47. Shah MV, **Haines SJ**. Pediatric skull, skull base, and meningeal tumors. *Neurosurg Clin of No Am.* 3(4):893-924, 1992.
48. Nida TY, **Haines SJ**. Multiloculated hydrocephalus: Craniotomy and fenestration of intraventricular septations. *J Neurosurg* 78(1):70-76, 1993.
49. Winzenburg SM, Margolis RH, Levine SC, **Haines SJ**, Fournier EM. Tympanic and transtympanic electrocochleography in acoustic neuroma and vestibular nerve section surgery. *Am J Otolaryng* 14(1):63-69, 1993.
50. Morcos JJ, **Haines SJ**. History of brain stem surgery. *Neurosurg Clin N America* 4(3):357-365, 1993.
51. Chung Y, **Haines SJ**. Experimental brain stem surgery. *Neurosurg Clin N America* 4(3):405-414, 1993.
52. **Haines SJ**, Walters BC. Proof of equivalence. The inference of statistical significance. "Caveat emptor". *Neurosurg* 33(3): 432-433, 1993.
53. Mollman DH, **Haines SJ**. Primary pontine hemorrhagic events - hemorrhage or hematoma? Surgical or conservative management? *Neurosurg Clin N America* 4:481-496, 1993.
54. Blount JP, **Haines SJ**. Complications in ventricular cerebrospinal fluid shunting. *Neurosurg Clin N America* 4(4):633-656, 1993.

55. **Haines SJ**, Levine SC. Intracranial acoustic neuroma: Early surgery for preservation of hearing. *J Neurosurg* 79:515-520, 1993.
56. **Haines SJ**, Walters BC. Antibiotic prophylaxis for cerebrospinal fluid shunts: A metanalysis. *Neurosurgery* 34:87-92, 1994.
57. Kennedy JD, **Haines SJ**. Review of skull base approaches: with special reference to pediatric patients. *J Neuroonc* 20(3):291-312, 1994.
58. Sanan A, **Haines SJ**, Nyberg SL, Leonard AS. Knotted bowel: small-bowel obstruction from coiled peritoneal shunt catheters. Report of two cases. *J Neurosurg* 82:146-148, 1995.
59. Schlauch RS, Levine S, Li Y, **Haines SJ**. Evaluating hearing threshold differences between ears as a screen for acoustic neuroma. *J Speech and Hearing Res* 38:1168-1175, 1995.
60. **Haines SJ**, Camarata PJ, Finn M, Poss T. Prototype instruments for endoscopic microsurgery: Technical Note. *Minim. Invas. Neurosurg* 38:167-169, 1995.
61. Soumekh B, Levine SC, **Haines SJ**, Wulf JA. A retrospective study of post-craniotomy headaches in suboccipital approach: Diagnosis and management. *Am J Otolaryngology* 17(4):617-619, 1996.
62. **Haines SJ**, Olson NP. Standards, guidelines, and options in neurosurgery. *Crit Rev in Neurosurg* 6:47-51, 1996.
63. Jean WC, **Haines SJ**. Malignant meningiomas: New technique in diagnosis and predicting outcome. *Crit Rev in Neurosurg* 6(2):97-105, 1996.
64. PEDIATRIC HYDROCEPHALUS TREATMENT EVALUATION GROUP: Determining the best cerebrospinal fluid shunt valve design: The pediatric valve design trial. *Neurosurg* 38:604-607, 1996.
65. Sanan A, **Haines SJ**. Repairing holes in the head: A history of cranioplasty. *Neurosurg* 40:588-603, 1997.
66. Hite SH, Krivit W, **Haines SJ**, Whitley CB. Syringomyelia in mucopolysaccharidosis type VI (Maroteaux-Lamary Syndrome): Imaging findings following bone marrow transplantation. *Ped Radiol* 27(9):736-738, 1997.
67. Jung TM, TerKonda, RP, **Haines SJ**, Strome S, Marentette LJ. Outcome analysis of the translabellar/subcranial approach for lesions of the anterior cranial fossa: A comparison with the classic craniotomy approach. *Otolaryngology – Head and Neck Surgery* 116(6 Pt 1):642-646, 1997.
68. **Haines SJ**. How do you know? *Clinical Neurosurgery* 44(1):1-15, 1997.
69. Malis LI, Ruberti RF, Kaufman AB, Kanpolat Y, Peter JC, **Haines SJ**, Blanot S, Cinalli G, Meyer P, Pierre-Kahn A. Intraoperative antibiotic prophylaxis. *Surg Neur* 47(5):481-483, 1997.

70. Drake JM, Kestle JR, Milner R, Cinalli G, Boop F, Piatt J, **Haines, SJ**, Schiff, SJ, Cochrane DD, Steinbok P, MacNeil N. Randomized trial of cerebrospinal fluid shunt valve design in pediatric hydrocephalus. *Neurosurg*, 43(2):294-303, 1998.
71. **Haines, SJ**, Lapointe M. Fibrinolytic agents in the treatment of intraventricular hemorrhage in adults. *Crit Rev in Neurosurg* 8:169-175, 1998.
72. Jean WC, Keene CD, **Haines SJ**. Cervical arachnoid cysts after craniocervical decompression for chiari II malformations: Report of three cases. *Neurosurg*, 43(4):941-945, 1998.
73. **Haines SJ**, LaPointe M. Fibrinolytic agents in the management of posthemorrhagic hydrocephalus in preterm infants: The evidence. *Child's Nerv Syst* 15:226-234, 1999.
74. Berryhill WE, Rimell FL, Ness J, Marentette L, **Haines SJ**. Fate of rigid fixation in pediatric craniofacial surgery. *Otolaryngol Head Neck Surg* 121(3):269-273, 1999.
75. **Haines SJ**. Surgical or radiosurgical treatment for brain metastases? Opportunity lost, responsibility shirked. *Clin Neurosurg* 45:30-31, 1999.
76. Kestle J, Drake J, Milner R, Sainte-Rose C, Cinalli G, Boop F, Piatt J, **Haines S**, Schiff S, Cochrane D, Steinbok P, MacNeil N. Long-term follow-up data from the shunt design trial. *Pediatr Neurosurg* 33:230-236, 2000.
77. Osenbach RK, **Haines SJ**. Spinal cord stimulation for the treatment of refractory angina pectoris. *Crit Rev Neurosurg* 9:394-406, 2000.
78. Esce PG. **Haines, SJ**. Acute treatment of spinal cord injury. *Current Science* 2:517-524, 2000.
79. Rush AJ, George MS, Sackeim HA, Marangell LB, Husain MM, Giller C, Nahas Z, **Haines S**, Simpson RK Jr, Goodman R. Vagus nerve stimulation (VNS) for treatment-resistant depressions: a multicenter study. *Biol Psychiatry* 47:276-286, 2000.
80. Rock, JP, **Haines, SJ**, Recht, L, Bernstein, M, Sawaya, R, Mikkelsen, T, Loeffler, J. Practice parameters for the management of single brain metastasis. *Neurosurg Focus* 9:1-9, 2000.
81. Haase KK, Lapointe M, **Haines SJ**. Aseptic meningitis after intraventricular administration of gentamicin. A Case Report. *Pharmacotherapy* 21:103-107, 2001.
82. **Haines SJ**. History of randomized clinical trials in neurosurgery. *Neurosurg Clin N Am* 12:211-216, 2001.
83. **Haines SJ**. Proof before practice: The practice of neurosurgery must change to thrive. *Clin Neurosurg* 48(13):181-190, 2001.
84. Sackeim HA, Rush AJ, George MS, Marangell LB, Husain MM, Nahas Z, Johnson CR, Seidman S, Giller C, **Haines SJ**, Simpson RK, Goodman RR. Vagus nerve stimulation (VNS<sup>TM</sup>) for treatment-resistant depression: Efficacy, side effects, and predictors of outcome. *Neuropsychopharmacology* 25:713-728, 2001.



85. Washington EC, Holmes M, **Haines SJ**, Ringwood JW. Ventriculoperitoneal shunt migration presenting with vaginal discharge and hydrosalpinx in a 16-year-old patient. *Pediatric Emergency Care* 18:28-30, 2002.
86. **Haines SJ**. Moving targets and ghosts of the past: outcome measurement in brain tumour therapy. *J Clin Neuroscience* 9:109-112, 2002.
87. **Haines SJ**, Nyman JA, Jordan N, Lindgren BR, Boen, JR, Oldridge, NB. Discectomy strategies for lumbar disc herniation: Study design and implications for clinical research. *J Clin Neuroscience* 9: 440-446. 2002
88. **Haines SJ**, Nyman JA, Jordan N, Lindgren BR, Boen, JR, Oldridge, NB. Discectomy strategies for lumbar disc herniation: Results of the LAPDOG trial. *J Clin Neuroscience* 9: 411-417, 2002.
89. **Haines, SJ**. Evidence-based Neurosurgery. *Neurosurgery* 52: 36-47, 2003.
90. **Haines, SJ**. Evidence-based medicine in neurosurgery. *Contemporary Neurosurgery* 25(8), 2003.
91. Hopkins,T, **Haines, SJ**.. Rapid development of Chiari-I malformation in an infant with Seckel syndrome and craniosynostosis. *J Neurosurg*, 98:1113-1115, 2003.
92. **Haines, SJ**, Chittum, CJ. Which operation for trigeminal neuralgia? *Practical Neurology*, in press.
92. **Haines SJ**, Nicholas JS. Teaching evidence-based medicine to surgical subspecialty residents. *J Am Coll Surg*, in press.

### Books

1. **Haines SJ**, Hall WA, eds. Infections in neurological surgery, Neurosurgical Clinics of North America, W. B. Saunders, April 1992, pp 259-496.
2. **Haines SJ**, Heros RC, eds. Brain stem surgery, Neurosurgical Clinics of North America, W.B. Saunders, July 1993, pp 357-598.
3. Cohen AR, **Haines SJ**, eds. Minimally invasive techniques in neurosurgery, Concepts in Neurosurgery, Vol.7, Williams & Wilkins, 1995, pp 286.

### Invited Book Chapters

1. Pinkus RL, **Haines SJ**. Rights of children in medical research in Hiller MD, ed. Medical Ethics and the Law: Implications for Public Policy. Ballinger Publishing Co., Cambridge, MA, 1981, pp 421-430.
2. **Haines SJ**. Are antifibrinolytic agents useful after subarachnoid hemorrhage? in Warlow CP, Garfield J, ed. Dilemmas in the Management of the Neurological Patient. Churchill Livingstone, Edinburgh, 1983, pp 74-85.

3. **Haines SJ.** Prophylactic Antibiotics in Wilkins RH, Rengachary SS, ed. Neurosurgery. McGraw Hill, New York, 1985, pp 448-452.
4. **Haines SJ,** Chou SN. Infections of the scalp and osteomyelitis of the skull in Wilkins RH, Rengachary SS, ed. Neurosurgery. McGraw Hill, New York, 1985, pp 1964-1967.
5. Camarata PJ, **Haines SJ.** Ventriculoatrial Shunting in AANS Atlas and Fascicles, Setti Rengachary, ed. Williams and Wilkins, Baltimore, MD, 1989, pp. 247-255.
6. **Haines SJ,** Mampalam T, Rosenblum ML, Nagib MG. Cranial and intracranial bacterial infections in Youmans, JR, ed. Neurological Surgery, 3rd Edition. WB Saunders, Co., Philadelphia, 1990, pp. 3707-3735.
7. **Haines SJ,** Duvall AJ. Transzygomatic and transpalatal excision of juvenile nasopharyngeal angiofibroma with intracranial extension: Rationale, in Plastic and Reconstructive Surgery of the Head and Neck, Proceedings of the Fifth International Symposium, Fred J. Stucker, ed. B.C. Decker, Inc., Toronto, ON, 1991, Chapter 101, pp. 505-509.
8. Duvall AJ, **Haines SJ,** McGeachie RE. Juvenile nasopharyngeal angiofibroma in Otolaryngology, Vol.2, Chapter 59, J.B. Lippincott Co., Philadelphia, PA, 1991.
9. **Haines SJ,** Cox CM. Numeracy and statistics - uses and limitations, in Neurosurgery: Scientific Basis of Clinical Practice, H. Alan Crockard and Julian T. Hoff, eds. Blackwell Scientific Publishers Ltd., Boston, MA, 1992, pp. 975-993.
10. **Haines SJ,** Duvall AJ. Transzygomatic and transpalatal excision of juvenile nasopharyngeal angiofibroma with intracranial extension: The surgical procedure in Surgery of Cranial Base Tumors: A Color Atlas, Laligam Sekhar and Ivo P. Janacek, eds. Raven Press, New York, NY, 1993, pp. 477-484.
11. Wen DY, **Haines SJ.** Posterior fossa: Surgical considerations, in Anesthesia and Neurosurgery, 3rd Edition, J.E. Cottrell and D.S. Smith, eds. Mosby Year Book, St. Louis, MO, 1994, pp. 323-338.
12. Nussbaum EA, Sebring LA, **Haines SJ.** Neurosurgical antibiotic prophylaxis, in The Practice of Neurosurgery, G.T. Tindall, P.R. Cooper, and D.L. Barrow, eds. Williams & Wilkins, 1996, pp. 293-300.
13. Sebring LA, Nussbaum EA, **Haines SJ.** Scalp and skull infection, in Practice of Neurosurgery, G.T. Tindall, D.L. Barrow and P.R. Cooper, eds. Williams & Wilkins, 1996, pp. 3377-3384.
14. Blount JB, **Haines SJ.** Shunt infections, in Youman's Jr, ed. Neurological Surgery, 4th Edition, W.B. Saunders, Co., Philadelphia, PA, 1996, Chapter 37, pp. 945-966.
15. **Haines SJ.** The art and science of clinical research in Neurosurgery, 2nd ed. Wilkins RH, Rengachary SS, eds. McGraw Hill, New York, 1996, pp. 4227-4229.

16. **Haines SJ.** The role of clinical trials and outcomes research in cerebrovascular practice in Cerebrovascular Disease, ed. H. Hunt Batjer. Lippincott-Raven Publishers, NY, NY, 1996, pp. 1213-1218.
17. **Haines SJ**, Levine S. Middle fossa approach for acoustic neuroma, in Techniques in Neurosurgery, eds. Christopher Loftus and H. Hunt Batjer. Lippincott-Raven Publishers, Philadelphia, PA, 1997, Vol. 3(2), pp. 143-149.
18. **Haines SJ**, Camarata PJ, vanden Hoek J, Finn MA. Experimental Neuroendoscopy, in Endoscopy of the Central and Peripheral Nervous System, eds. Wesley King, John Frazee, Antonio DeSalles. Thieme Medical Pub. 1997, pp. 237 - 242
19. McCutchen TM, **Haines SJ.** Surgical Prophylaxis, in Infections in Neurosurgery, eds. Walter A. Hall and Ian E. McCutcheon. AANS, 1999, pp. 111-123.
20. **Haines SJ**, Camarata PJ, Poss T, et al. Experimental Neuroendoscopy, in Endoscopy of the Central and Peripheral Nervous System, eds. Antonio A.F. DeSalles and John Frazee. Thieme Medical and Scientific Publishers, NY, NY, pp. 237-242.
21. **Haines SJ.** Shunt Infections, in Principles and Practice of Pediatric Neurosurgery, eds. A. Leland Albright, I. F. Pollack and P. David Adelson. Thieme Medical Publishers, New York, NY, 1999, Chapter 65, pp. 1177-1185.
22. Lapointe M, **Haines SJ**, Landesman S. Basic principles of antimicrobial therapy of CNS infections, in Head Injury, 4<sup>th</sup> edition, eds. P. R. Cooper and J. Golfinos. McGraw-Hill, New York, NY, 2000, Chapter 19, pp 483-497.
23. **Haines, SJ:** Principles, Limitations and Uses of Statistics, Neurosurgery, The Scientific Basis of Clinical Practice, 3<sup>rd</sup> edition, A Crockard, R Hayward and JT Hoff. Blackwell Science Ltd, Oxford, ENG, 2000, Vol(2):82, pp 1278-1291.
24. **Haines, SJ:** Choice of Study Design for Neurosurgeons, Neurosurgery, The Scientific Basis of Clinical Practice, 3<sup>rd</sup> edition, eds. A Crockard, R Hayward and JT Hoff. Blackwell Science Ltd, Oxford, ENG, 2000, Vol(2):83, pp 1292-1301.
25. Patel SJ, Wen DYK, **Haines SJ.** Posterior Fossa: Surgical considerations, in Anesthesia and Neurosurgery, 4<sup>th</sup> edition. Chapter 16, eds. JE Cotrell and DS Smith. Mosby, New York, NY 2001
26. McCutcheon T, LaPointe M, Osenbach RK, **Haines SJ:** Choice of antibiotics in the prophylaxis and treatment of common neurosurgical problems, in Textbook of Neurological Surgery, eds. H Batjer and C Loftus. Lippincott-Raven, Philadelphia, 2002, Vol 4, pp 3098-3107.
27. Patel SJ, **Haines, SJ.** Fibrous dysplasia, osteopetrosis and ossifying fibroma, in Atlas of Neurosurgical Techniques, eds. RG Fessler and LN Sekhar. Thieme, New York, NY, **in press**.
28. Patel SJ, **Haines, SJ.** Chordomas and chondrosarcomas in children, in Chordomas and Chondrosarcomas, eds. Griffith Harsh et al. Thieme, New York, NY, **in press**.

Editorials, Commentaries and Letters

1. Barnett HJM, **Haines SJ**. Editorial: Carotid endarterectomy for asymptomatic carotid stenosis. NEJM 328(4):276-278, 1993.
2. **Haines SJ**, Walters BC. Editorial: Proof of equivalence: The inference of statistical significance. "Caveat Emptor", Neurosurgery 33:432-433, 1993.
3. **Haines SJ**, Walters BC. Editorial. What is meta-analysis?. Surg Neurology 44(6):581-582, 1995.
4. **Haines SJ**. Commentary: Dexamethasone - a helpful adjunct in management after lumbar discectomy. Neurosurgery 14:700, 1984.
5. **Haines SJ**. Commentary: Incidence of skull fractures in Olmsted County, Minnesota. Neurosurgery 15:323, 1984.
6. **Haines SJ**. Commentary: Antibiotic prophylaxis in cerebrospinal fluid shunting: a prospective randomized trial in 152 hydrocephalic patients. Neurosurgery 17:4, 1985.
7. **Haines SJ**. Commentary: Prevention of primary wound infection in neurosurgical patients: a 10-year study. Neurosurgery 18:688, 1986.
8. **Haines SJ**. Commentary: Microvascular relations of the trigeminal nerve: an anatomical study. Neurosurgery 19:538-539, 1986.
9. **Haines SJ**. Commentary: Antibiotic therapy for infected ommaya reservoir systems. Neurosurgery 22:100, 1988.
10. **Haines SJ**. Commentary: Superior sagittal sinus infection with petriellidium boydii: case report. Neurosurgery 24:607, 1989.
11. **Haines SJ**. Commentary: Neurosurgical aspects of cerebral cryptococcosis. Neurosurgery 25:47, 1989.
12. **Haines SJ**. Commentary: Propionibacterium acnes causes postoperative brain abscess unassociated with foreign bodies: case reports. Neurosurgery 25:134, 1989.
13. **Haines SJ**. Commentary: Fatal phenytoin-related toxic epidermal neurolysis: case report. Neurosurgery 25:978, 1989.
14. **Haines SJ**. Commentary: Spinal epidural abscess: a ten-year perspective. Neurosurgery 27:184, 1990.
15. **Haines SJ**. Commentary: Whither short-course chemotherapy for tuberculous meningitis? Neurosurgery 27:421, 1990.
16. **Haines SJ**. Commentary: Juvenile intervertebral disc calcification: recognition, management and pathogenesis. Neurosurgery 28:135, 1991.

17. **Haines SJ.** Commentary: Definition of the role of contemporary surgical management in cisternal and parenchymal cysticercosis cerebri. *Neurosurgery* 28:237, 1991.
18. **Haines SJ.** Commentary: A familial coincidence of pseudotumor cerebri and communicating hydrocephalus. *Neurosurgery* 28:729, 1991.
19. **Haines SJ.** Commentary: Brain stem abscess treated successfully by medical therapy. *Neurosurgery* 28:745, 1991.
20. **Haines SJ.** Commentary: Pachymeningitis associated with a pulmonary nodule. *Neurosurgery* 29:287, 1991.
21. **Haines SJ.** Commentary: Multiple growths of primary calvarial meningiomas. *Neurosurgery* 29:455, 1991.
22. **Haines SJ.** Commentary: Lyme neuroborreliosis manifesting as an intracranial mass lesion. *Neurosurgery* 30:773, 1992.
23. **Haines SJ.** Commentary: The role of stereotactic biopsy in the management of HIV-related focal brain lesions. *Neurosurgery* 30:829, 1992.
24. **Haines SJ.** Commentary: Malignant astrocytoma six years after resection of a cerebral metastatic cardiac myxoma: case report. *Neurosurgery* 30:927, 1992.
25. **Haines SJ.** Commentary: Successful treatment of intracerebral heated cysts with albendazole: case report and review of the literature. *Neurosurgery* 31:574, 1992.
26. **Haines SJ.** Commentary: Pediatric central nervous system infections in: *Neurosurgical Consultations*, Volume 4, Issue 13, 1993.
27. **Haines SJ.** Commentary: Resolution of an actinomycotic abscess with non-surgical treatment. *Neurosurgery* 32:136, 1993.
28. **Haines SJ.** Commentary: Parasellar epidermal hydatid cyst. *Neurosurgery* 32:665, 1993.
29. **Haines SJ.** Commentary: Treatment of intraventricular hemorrhage with tissue plasminogen activator. *Neurosurgery* 32:947, 1993.
30. **Haines SJ.** Commentary: Cryptococcal skull infection. *Neurosurgery* 32:1036, 1993.
31. **Haines SJ.** Commentary: Antibiotic penetration into brain abscess. *Neurosurgery* 33:49, 1993.
32. **Haines SJ.** Commentary: Ceftizoxime for neurosurgical prophylaxis. *Neurosurgery* 33:422-423, 1993.
33. **Haines SJ.** Commentary: Infection complication of ICP monitoring. *Neurosurgery* 33:430-431, 1993.

34. **Haines SJ.** Commentary: Neuropsychological outcome after SAH. *Neurosurgery* 33:586-587, 1993.
35. **Haines SJ.** Commentary: Spinal Brucellosis. *Neurosurgery* 33:844, 1993.
36. **Haines SJ.** Commentary: Cerebral phaeohyphomycosis. *Neurosurgery* 33:897, 1993.
37. **Haines SJ.** Commentary: Operative sepsis in neurosurgery. *Neurosurgery* 34:415-416, 1994.
38. **Haines SJ.** Commentary: Bacteriological factors in neurosurgical wound. *Neurosurgery* 34:40-421, 1994.
39. **Haines SJ.** Commentary: TIA□s, carotid stenosis and unruptured aneurysm. *Neurosurgery* 34:457-458, 1994.
40. **Haines SJ.** Commentary: The role of biopsy and chronic meningitis. *Neurosurgery* 34:596, 1994.
41. **Haines SJ.** Commentary: Spontaneous atlantoaxial osteomyelitis. *Neurosurgery* 35:136, 1994.
42. **Haines SJ.** Commentary: Metanalysis of antibiotic prophylaxis. *Neurosurgery* 35:491, 1994.
43. **Haines SJ.** Commentary: CT diagnosis of tuberculomas. *Neurosurgery* 35:850, 1994.
44. **Haines SJ.** Commentary: Management of multiple brain abscesses. *Neurosurgery* 36:86, 1995.
45. **Haines SJ.** Commentary: CNS aspergillosis. *Neurosurgery* 36:863, 1995.
46. **Haines SJ.** Commentary: Anterior fossa ossifying fibroma. *Neurosurgery* 36:1195, 1995.
47. **Haines SJ.** Commentary: Antibiotic penetration into cervical discs. *Neurosurgery* 37:421, 1995.
48. **Haines SJ.** Commentary: Spontaneous cerebrospinal fluid fistula through the clivus. *Neurosurgery* 37:828, 1995.
49. **Haines SJ.** Commentary: Anterior transcranial resection of tumor of the paranasal sinuses. *Neurosurgery* 38:480, 1996.
50. **Haines SJ.** Commentary: Effect of early craniocervical decompression in Chiari II malformation. *Neurosurgery* 38:710, 1996.
51. **Haines SJ.** Commentary: Management and outcome of adenoid cystic carcinoma with intracranial extension. *Neurosurgery* 38:1113, 1996.
52. **Haines SJ.** Commentary: Conservative management of acoustic neuroma. *Neurosurgery* 39:265-266, 1996.

53. **Haines SJ.** Commentary: Post-traumatic gas containing brain abscess. *Neurosurgery* 39:1215, 1996.
54. **Haines SJ.** Commentary: National survey of the use of anticonvulsant prophylaxis after aneurysmal SAH: Interim findings. *J Neurosurgery* 94, 2001.
55. **Haines SJ.** Letter: Nonspecificity of ear-crease sign in coronary-artery disease. *N Engl J Med* 297(21):1181, 1977.
56. **Haines SJ, Jannetta PJ.** Letter: Microvascular relationships of the trigeminal nerve. *J Neurosurg* 53:426, 1980.
57. **Haines SJ.** Letter: Prophylaxis of thromboembolism in the neurosurgical patient. *J Neurosurg* 11(4):583, 1982.
58. **Haines SJ.** Letter: Thromboembolism prophylaxis. *Neurosurgery* 11(5):725, 1982.
59. **Haines SJ, Hames EG.** Letter: Phenytoin prophylaxis for posttraumatic seizures. *J Neurosurg* 59:730, 1983.
60. **Haines SJ, Mollman HD.** Letter: Secondary brainstem hemorrhage. *Neurosurgery* 23(5):683, 1988.
61. **Haines SJ.** Letter: Questions "percutaneous discectomy". *Minn-Med* 71(12):744, 747, 1988.
62. **Haines SJ.** Letter: Efficacy of antibiotic prophylaxis. *Neurosurgery* 25:315-316, 1989.
63. **Haines SJ.** Letter: Prophylactic parenteral antibiotics in neurosurgery. *J Neurosurg* 70:151, 1989.
64. **Haines SJ.** Letter; comment: Two surgically cured cases of sub-ependymoma with emphasis on magnetic resonance imaging. *Surg-Neurol* 34(5):352, 1990.
65. **Haines SJ.** Letter: Ceftizoxime versus vancomycin and gentamicin in neurosurgical prophylaxis: A randomized, prospective, blinded clinical study. *Neurosurgery* 33:949, 1993.
66. **Haines SJ.** Letter: The timing of postoperative intracranial hematoma development and implications for the best use of neurosurgical intensive care. *J Neurosurg* 83:568, 1995.
67. **Haines SJ.** Letter: What do we learn from disciplined practice learning? *JAMA* 276(6):447-448, 1996.
68. **Haines SJ, Walters BC, Florin RE, Harbaugh RE:** Letter: Guidelines or potentially dangerous recommendations: The AANS/CNS Committee on Assessment of Quality. American Association of Neurological Surgeons. Congress of Neurological Surgeons. *J Neurosurg* 89(4):687-690, 1997.
69. **Bailey S, Campbell J, Haines S:** Letter: Safety of perioperative minidose heparin in patients undergoing brain tumor surgery: A prospective, randomized, double-blind study. *J Neurosurg*

96:807-808, 2002

70. **Haines SJ.** Book Review: Surgical Infections. Neurosurgery 25:478, 1989.
71. **Haines SJ.** Book Review: A Short History of Spina Bifida. J Neurosurg 70:497, 1989.
72. **Haines SJ.** Book Review: Meningiomas. J Neurosurg 75:997-998, 1991.
73. **Haines SJ.** Book Review: Infection of the central nervous system. Neurosurg 32:1053,
74. **Haines SJ.** Book Review: Neuromonitoring in otology and head and neck surgery. Neurosurg 32: 1054, 1993.

*Invited Presentations and Lectures*

1. **Haines SJ:** Clinical investigations: pitfalls in design and interpretation, presented at Congress of Neurological Surgeons annual meeting. Houston, TX, October 7, 1980.
2. **Haines SJ:** Randomized clinical trials in neurosurgery, presented at Neurosurgical Grand Rounds, Massachusetts General Hospital. Boston, MA, June 3, 1982
3. **Haines, SJ:** Antifibrinolytic therapy in subarachnoid hemorrhage, presented at Conference on controversies in the treatment of neurological disease. Oxford, England, May 7-8, 1982.
4. **Haines SJ:** Prevention and treatment of neurosurgical wound infection - topical antibiotics, presented at American Association of Neurological Surgeons annual meeting. Washington, DC, April 25, 1983.
5. **Haines SJ:** Chymopapain - analysis of clinical trials, presented at American Association of Neurological Surgeons annual meeting. Washington, DC, April 25, 1983.
6. **Haines SJ:** Prophylactic Antibiotics, presented at Congress of Neurological Surgeons annual meeting, Chicago. November 1, 1983.
7. **Haines SJ:** Strategy and tactics for clinical investigations, presented at AANS Annual Meeting, San Francisco. April 11, 1984.
8. **Haines SJ:** Hearing preservation in acoustic neurosurgery and An overview of microvascular compression of cranial nerves. Visiting Professor, presented at Eastern Maine Medical Center. March 1984.
9. **Haines SJ:** Statistics: Use and abuse, presented at AANS Annual Meeting, Atlanta, GA. April 23, 1985.
10. **Haines SJ:** Antibiotics in Neurosurgery, presented at World Federation of Neurosurgical Societies, Toronto. July 8, 1985.



11. **Haines SJ:** Antibiotic prophylaxis in neurosurgery, presented at Congress of Neurological Surgeons, Honolulu, Hawaii. October 4, 1985.
12. **Haines SJ:** Quality control in clinical research, presented at Congress of Neurological Surgeons, Honolulu, Hawaii. October 2, 1985.
13. **Haines SJ:** Lessons learned from recent randomized clinical trials, presented at Neurosurgical Grand Rounds, Massachusetts General Hospital. February 13, 1986
14. **Haines SJ:** Lessons learned from recent randomized clinical trials, presented at Presented at Albany Medical College . February 20, 1986.
15. **Haines SJ:** Management of CSF shunts: infection, presented at American Association of Neurological Surgeons, Denver. April 1986.
16. **Haines SJ:** The poor prognosis patient: practical considerations, presented at Congress of Neurological Surgeons, New Orleans. September 16, 1986
17. **Haines SJ:** Clinical and experimental evaluation of brainstem hemorrhage, presented at Tokai Postgraduate Neurosurgery Conference, Nagoya, Japan. September 27, 1986
18. **Haines SJ:** Antibiotic prophylaxis in neurosurgery, presented at Japan Neurosurgical Society, Continuing Education Program, Tokyo. September 30, 1986
19. **Haines SJ:** Neurosurgical decision making, presented at Japan Neurosurgical Society, Tokyo. October 3, 1986.
20. **Haines SJ,:** Epidemiology of spinal infection, presented at American Association of Neurological Surgeons, Dallas, TX. May 3-7, 1987.
21. **Haines SJ:** Carotid endarterectomy: Indications and current studies, presented at American Association of Neurosurgical Surgeons, Toronto. April 25, 1988
22. **Haines SJ:** Discussion of Zamarano L, Chavantes, MC, Dujovny M, Malik G., Ausman J. ND-YAG laser image guided stereotactic resection of brain tumors, presented at American College of Surgeons, Clinical Congress. October 27, 1988
23. **Haines SJ:** Randomized clinical trials in neurosurgery - an update, presented at Academy of Medicine, Toronto. December 14, 1988.
24. **Haines SJ:** Carotid endarterectomy - indications, presented at American Association of Neurological Surgeons, Washington, DC. April 1989
25. **Haines SJ:** HNP: Microdisectomy vs. percutaneous disectomy vs. chemonucleolysis, presented at Controversies in Spinal Surgery, Minneapolis, MN, June, 1989.
26. **Haines SJ:** Randomized clinical trials in neurosurgery, presented at Minnesota Neurological Sciences Meeting, Minneapolis, MN, September 1989.

27. **Haines SJ:** Basal ganglia tumors of childhood, presented at Congress of Neurological Surgeons, Atlanta, Georgia, October 29, 1989.
28. **Haines SJ:** Postoperative infections, presented at Congress of Neurological Surgeons, Atlanta, Georgia, October 30, 1989.
29. **Haines SJ:** Management of spasticity, presented at Congress of Neurological Surgeons, Atlanta, Georgia, November 1, 1989.
30. **Haines SJ:** Reasonable limits and expectations of randomized clinical trials, presented at Congress of Neurological Surgeons, Atlanta, Georgia, November 1, 1989.
31. **Haines SJ:** Craniofacial reconstruction, presented at American Association of Neurological Surgery, Nashville, TN, May 1990.
32. **Haines, SJ:** Gliomas of the optic pathway, presented at American Association of Neurological Surgery, Nashville, TN, May 1990.
33. **Haines, SJ:** Anterior craniofacial resection. Postgraduate Course in Skull Base Surgery, presented at American Association of Neurological Surgery, Nashville, TN, May 1990.
34. **Haines SJ:** Malignant anterior skull base lesions, presented at the Congress of Neurological Surgeons, Los Angeles, CA, October 1990.
35. **Haines SJ:** How to read a medical paper, presented at the Congress of Neurological Surgeons, Los Angeles, CA, October 1990.
36. **Haines SJ:** Anterolateral approaches to skull base malignancy, presented at American Association of Neurological Surgeons, New Orleans, LA, April 1991.
37. **Haines SJ: Watson Lecture** on Hearing preservation in acoustic neuroma surgery, presented at University of Arkansas, Little Rock, AR, June 1991.
38. **Haines SJ:** Neurosurgical outcomes research presented at University of Arkansas, Little Rock, AR, June 1991.
39. **Haines, SJ:** Parasagittal and convexity meningiomas, presented at the Congress of Neurological Surgeons, Orlando, FL, October 1991.
40. **Haines, SJ:** Lateral skull base approaches, presented at the Congress of Neurological Surgeons, Orlando, FL, October 1991.
41. **Haines, SJ:** Graphic presentation of numerical information, presented at the American Association of Neurological Surgeons, San Francisco, CA, April 1992.
42. **Haines SJ:** Infratemporal fossa approaches, presented at the American Association of Neurological Surgeons, San Francisco, CA, April 1992.

43. **Haines SJ**, Margolis RH: Electrocochleographic monitoring during acoustic neuroma surgery, presented at Congress of Neurological Surgeons, Practical Course on Acoustic Neuroma, Washington, DC, November 1, 1992.
44. **Haines SJ**, Levine SC: The intracanalicular vestibular schwannoma. **The Gurdjian Lecture**, presented at Wayne State University, January 12, 1993.
45. **Haines SJ**: Postoperative CSF fistulae, presented at the 3rd Annual Meeting, North American Skull Base Society, Scottsdale, AZ, February 12, 1993.
46. **Haines SJ**: Optimizing the outcome in the management of acoustic schwannoma, presented at the American Association of Neurological Surgeons, Boston, MA, April 1993.
47. **Haines SJ**: Intracranial infections, presented at Congress of Neurological Surgeons, Vancouver, BC, October 1993.
48. **Haines SJ**: Surgical management of acoustic neuroma, presented at Congress of Neurological Surgeons, Vancouver, BC, October 1993.
49. **Haines SJ**: Acoustic schwannomas, presented at the Congress of Neurological Surgeons, Vancouver, BC, October 1993.
50. **Haines SJ**: Surgery of the pediatric skull base, presented at the North American Skull Base Society, Orlando, FL, February 1994.
51. **Haines SJ**: Middle fossa approach for intracanalicular acoustic neuroma, presented at the North American Skull Base Society, Orlando, FL, February 1994.
52. **Haines SJ**: Controversies in the management of hydrocephalus, presented at the American Association of Neurological Surgeons, San Diego, CA, April 1994.
53. **Haines SJ**: Posterior plagiocephaly, presented at the Congress of Neurological Surgeons, Chicago, IL, October 1994.
54. **Haines SJ**: Complications of skull base surgery, presented at the Congress of Neurological Surgeons, Chicago, IL, October 1994.
55. **Haines SJ**: Surgery for acoustic neuroma, presented at the Congress of Neurological Surgeons, Chicago, IL, October 1994.
56. **Haines SJ**: Long term follow up of selective dorsal rhizotomy patients, presented at the American Association of Neurological Surgeons, Orlando, FL, April 1995.
57. **Haines SJ**: Middle fossa and extended middle fossa, presented at the 2nd International Skull Base Congress of the North American Skull Base Society, San Diego, CA, July 1996.
58. **Haines SJ**: Principles of outcome analysis, presented at the American Academy of Neurological Surgeons, Sulphur Springs, WV, September, 1996.

59. **Haines SJ:** The middle fossa approach to small acoustic neuromas with hearing preservation, presented at the Japanese Congress of Neurological Surgeons, Kyoto, Japan, March 1997.
60. **Haines, SJ:** Microvascular decompression for hemifacial spasm, presented at the Japanese Congress of Neurological Surgeons, Kyoto, Japan, March 1997.
61. **Haines SJ:** Hearing preservation in middle fossa acoustic neuroma surgery, presented at the Japanese Congress of Neurological Surgeons, Kyoto, Japan, March 1997.
62. **Haines SJ:** Hearing preservation in acoustic neuroma surgery, presented at the American Association of Neurological Surgeons Annual Meeting, Denver, CO, April 1997.
63. **Haines SJ, Levine SC, Margolis RH:** The middle fossa approach. Keynote address to the Michigan Association of Neurologic Surgeons, Garland, MI, June 20, 1997.
64. **Haines, SJ:** Randomized clinical trials in neurosurgery: Evidence of efficacy and effectiveness, presented at the University of Nebraska, Departments of Neurology and Neurosurgery, Omaha, NE, April 15, 1998
65. **Haines, SJ:** Surgical hearing preservation in patients with very small vestibular schwannoma, presented at the University of Nebraska evening neurosurgical lecture, Omaha, NE, April 15, 1998.
66. **Haines, SJ:** Moving targets and ghosts of the past: Outcome assessment in the treatment of metastatic brain tumors, presented at the Scandinavian Neurosurgical Society, Helsinki, Finland, June 9, 1998.
67. **Haines, SJ:** Moving targets and ghosts of the past: Outcome assessment in the treatment of metastatic brain tumors, presented at the Medical Association of Georgia Scientific Assembly, Neurosurgery Section, Atlanta, GA, November 21, 1998.
68. **Haines, SJ:** Moving targets and ghosts of the past: Evaluating treatment for brain tumors, presented at Grand Rounds, Stanford University, Stanford, CA, March 24, 2000.
69. **Haines, SJ:** Clinical Trials: The road less traveled-obstacles to quality clinical science in neurosurgery. **William Henry Hudson Lecture**, 2000, presented at the Southern Neurosurgical Society annual meeting, Ponte Vedra Beach, FL, June 23, 2000.
70. **Haines, SJ:** (Presenter) Evidence based medicine, workshop held at the 69<sup>th</sup> AANS Annual Meeting. Toronto, Ontario, Canada, April 22, 2001.
71. **Haines, SJ:** (Discussant) National survey of the use of anticonvulsant prophylaxis after aneurysmal subarachnoid hemorrhage: Interim findings, presented at the 69<sup>th</sup> AANS Annual Meeting. Toronto, Ontario, Canada, April 22, 2001.
72. **Haines, SJ:** (moderator) Guidelines and outcomes for spinal and cranial surgery: What is supported by the literature in 2001? CNS Annual Meeting, San Diego, CA, October 2, 2001.

73. **Haines, SJ:** Is there any evidence of science in clinical neurosurgery?, presented at Grand Rounds, Allegheny General Hospital. Pittsburgh, PA, October 24, 2001.
74. **Haines, SJ:** Evidence-based neurosurgical procedures in stroke, presented at the American Stroke Association 27<sup>th</sup> International Stroke Conference, San Antonio, TX, February 9, 2002.
75. **Haines, SJ:** Oligodendrogliomas: surgical considerations, presented at the Southern Neurosurgical Annual Meeting, Savannah, GA, March 8, 2002.
76. **Haines, SJ:** The future of Neurosurgery: Evidence-based medicine and outcomes studies – The design of a clinical study, presented at the 70<sup>th</sup> AANS Annual Meeting. Chicago, IL, April 8, 2002.
77. **Haines, SJ:** Neurosurgical trauma guidelines: A rational approach, presented at NSA/SBNS Annual Meeting, Kiawah Island, SC, April 22, 2002.
78. **Haines, SJ:** Microvascular decompression inside and outside the envelope, presented at the Tennessee Neurosurgical Society Annual Meeting, Nashville, TN, August 17, 2002.
79. **Haines, SJ:** Undervaluation of neurosurgical services, presented at the Tennessee Neurosurgical Society Annual Meeting, Nashville, TN, August 18, 2002.
80. **Haines, SJ:** The strange case of percutaneous discectomy, presented at Grand Rounds, New York Medical Center, Valhalla, NY, October 24-25, 2002.

Scientific Presentations

1. **Haines SJ:** Microvascular relations of the trigeminal nerve, presented at Neurosurgical Society of America. White Sulphur Springs, WV, May 25, 1979.
2. **Haines SJ:** Catastrophic neurologic deterioration in hospitalized patients, presented at American Medical Association winter scientific meeting. San Antonio, TX, January 13, 1980.
3. **Haines SJ, Taylor F:** Prophylactic methicillin for shunt operations: effects on shunt malfunction, presented at Pediatric section meeting, American Association of Neurological Surgeons. New York, NY, December 1980.
4. **Haines SJ, Goodman M:** Antibiotic prophylaxis of postoperative neurosurgical wound infection, presented at American Association of Neurological Surgeons annual meeting. Boston, MA, April 6, 1981.
5. **Haines SJ:** Antifibrinolytic therapy should not be abandoned - yet, presented at American Association of Neurological Surgeons annual meeting. Washington, DC, April 27, 1983.
6. Mollman HD, **Haines SJ:** Factors affecting postoperative wound infection, presented at Congress of Neurological Surgeons, New York, NY. October 4, 1984.
7. **Haines SJ:** Neurosurgical clinical trials registry - first report, presented at American Association of Neurological Surgeons, Atlanta, GA. April, 21-25, 1985. (poster)

8. **Haines SJ**, Mollman HD: Risk factors for neurosurgical wound infection, presented at Minnesota Society of Neurological Sciences, St. Paul, MN. October 19, 1985.
9. Bergman T, Rockswold G, **Haines S**: Outcome from severe closed head injury, presented at American Association of Neurological Surgeons, Denver, April 13-18, 1986. (poster)
10. Bergman TA, Erickson DL, **Haines SJ**: Recurrence rate of acoustic schwannoma in patients with neurofibromatosis, presented at American Association of Neurologic Surgeons, Dallas, TX. May 3-7, 1987. (poster)
11. Bergman TA, **Haines SJ**: Dexamethasone fails to alter the pattern of evoked potential changes after experimental brainstem hemorrhage presented at American Association of Neurologic Surgeons Dallas, TX. May 3-7, 1987. (poster)
12. **Haines SJ**, Haines GL, Bergman TA: Development of a small animal model of vascular compression of the brainstem and cranial nerves, presented at 2nd International Symposium on the Cranial Nerves, Ljubljana Yugoslavia. May 31-June 4, 1987.
13. **Haines SJ**: The art and science of evaluating neurosurgical treatment, presented at Congress of Neurosurgical Surgeons, Baltimore MD. October 29, 1987.
14. Turner DA, Tracey J, Maxwell RE, **Haines SJ**: Long term postoperative follow-up of carotid endarterectomy procedures in symptomatic patients: A life-table analysis of late stroke risk, presented at American Association of Neurologic Surgeons, Dallas, TX. May 3-7, 1987.
15. **Haines SJ**, Duvall AJ: Transzygomatic and transpalatal excision of juvenile nasopharyngeal angiofibroma with limited intracranial extension, presented at International Symposium on Cranial Base Surgery, Pittsburgh PA. September 15, 1988.
16. **Haines SJ**: Selective dorsal rhizotomy, presented at Minnesota Society of Neurological Sciences, Minneapolis MN. September 24, 1988.
17. **Haines SJ**: Functional monitoring of the facial nerve during surgery for hemifacial spasm, presented at Minnesota Society Neurological Sciences, Minneapolis MN. September 24, 1988.
18. Parker RG, Gau L, Park SK, **Haines SJ**, Turner DA, Chou SN, Ebner TJ: Objective evaluation of Parkinson's Syndrome in the primate: A paradigm for assessing human brain transplantation, presented at Congress Neurological Surgeons, Seattle WA. September 26, 1988.
19. Parker RG, Gau L, Park SK, **Haines SJ**, Turner DA, Chou SN, Ebner TJ: Characterization of the effects of MPTP hemiparkinsonism on the kinematics of a visually guided arm movement in the Rhesus monkey (poster), presented at Society of Neuroscience. November 13 - 18, 1988.
21. Friehs GH, He L, Parker RG, Haines SJ, Turner DA, Ebner TJ, Elde RP, Chou SN: Stereotaxic radiofrequency lesioning of the caudate nucleus without transplantation reduces motor asymmetry in a rodent model of Parkinson's disease, presented at the American Association of Neurological Surgeons, Washington, DC. April 1989.

22. **Haines SJ:** Selective dorsal rhizotomy - some technical aspects, presented at American Association of Neurological Surgeons, (poster) Washington. DC. April 1989.
23. **Haines SJ:** Randomized clinical trials in neurosurgery - an update, presented at American Association of Neurological Surgeons, (poster) Washington, DC. April 1989.
23. **Haines SJ, Duvall AJ:** Combined transpalatal transzygomatic excision of juvenile nasopharyngeal angiofibroma with intracranial extension, presented at Fifth International Symposium, American Academy of Facial Plastic and Reconstructive Surgery, Toronto, Ontario, June 1989.
24. Levine SC, Marentette LJ, **Haines SJ:** Functional approaches to skull base surgery, presented at Fifth International Symposium, American Academy of Facial Plastic and Reconstructive Surgery, Toronto, Ontario, June 1989.
25. Marentette LJ, **Haines SJ:** Pediatric craniofacial surgery, presented at Fifth International Symposium, American Academy of Facial Plastic and Reconstructive Surgery, Toronto, Ontario, June 1989.
26. **Haines SJ, Shah M:** Hydrocephalus as a presenting sign of Hurler's syndrome, presented at Minnesota Society of Neurological Sciences Meeting, Minneapolis, MN, September 1989.
27. Camarata PJ, **Haines SJ:** Propionibacter acnes mid-brain encephalitis, presented at Minnesota Society of Neurological Sciences Meeting, Minneapolis, MN September 1989.
28. **Haines SJ, Moret M:** Selective dorsal rhizotomy - Some technical questions, presented at Pediatric Section of American Association of Neurological Surgery, Washington, D.C., December 1989.
29. **Haines SJ, Marentette LJ, Wirtschafter WD:** Extended orbitofrontal approaches to the anterior skull base: Variations on a theme. Presented at the First Annual Meeting of the North American Skull Base Society, Los Angeles, CA, February 1990.
30. Camarata PJ, **Haines SJ, Levine SC, Marentette LJ:** Paragangliomas involving the temporal bone: A clinical study of 40 cases presented at the First Annual Meeting of the North American Skull Base Society, Los Angeles, CA, February 1990.
31. **Haines SJ:** Intraoperative monitoring of surgery for hemifacial spasm presented at Neurosurgical Society of America Meeting, Pebble Beach, CA, April 1990.
32. **Haines SJ, Torres:** Intraoperative monitoring of surgery for hemifacial spasm presented at American Association of Neurological Surgery, Nashville, TN, May 1990 (poster).
33. Camarata PJ, **Haines SJ:** Anaerobic diphtheroid infection versus contamination - A study of cerebrospinal fluid cultures, presented at American Association of Neurological Surgery, Nashville, TN, May 1990 (poster).
34. **Haines SJ, Nida T:** Management of multi-loculated hydrocephalus, presented at International Society of Pediatric Neurosurgery, Paris, France, September 1990.

35. **Haines SJ**, Nida T: Management of multi-loculated hydrocephalus, presented at the Minnesota Society of Neurological Sciences Annual Meeting, St. Paul, MN, November 1990.
36. Marentette LJ, **Haines SJ**: Forehead remodeling in craniofacial surgery, presented at American Academy of Facial and Plastic Reconstructive Surgery Annual Meeting, San Diego, CA , September 1990.
37. Haines SJ: Cavernous sinus surgery, presented at the Minnesota Society of Neurological Sciences Annual Meeting, St. Paul, MN, November 1990.
38. Marentette LJ, **Haines SJ**: Miniplate fixation in craniofacial surgery presented at Midwestern Regional Meeting, American Academy of Facial and Plastic Reconstructive Surgery, Cincinnati, OH, January 1991.
39. Winzenburg SM, Margolis RH, Levine SC, **Haines SJ**: A Comparison of tympanic and transtympanic electrocochleography in patients undergoing acoustic neuroma and vestibular nerve section surgery, presented at 2nd Annual Scientific and Educational Conference of the American Society of Evoked Potential Monitoring, Minneapolis, MN, May 1991.
40. **Haines SJ**, Camarata PL, Levine SC, Lunsford LD, Erickson DL: Seventh and eighth nerve preservation following treatment of acoustic neurilemmoma: A comparison of radiosurgery and microsurgery, presented at North American Skull Base Society Meeting, Orlando, FL, February 1991.
41. Haines SJ, Levine SC: Resurgence of the middle fossa operation for hearing preservation in acoustic neuroma surgery, presented at North American Skull Base Society Meeting, Orlando, FL, February 1991. (poster)
42. **Haines SJ**: Resurgence of the middle fossa operation for hearing preservation in acoustic neuroma surgery, presented at the Minnesota Surgical Society, Minneapolis, MN, May 1991.
43. **Haines SJ**, Marentette LJ: Neurosurgical applications of miniplate osteosynthesis, presented at the American Association of Neurological Surgeons, New Orleans, LA, April 1991. (poster)
44. **Haines SJ**, Levine SC: Resurgence of the middle fossa operation for hearing preservation in acoustic neuroma surgery, presented at American Association of Neurological Surgeons, New Orleans, LA, April 1991. (poster)
45. Wen DY, Seljeskog EL, **Haines SJ**: Surgical management of craniopharyngioma, presented at American Association of Neurological Surgeons, New Orleans, LA, April 1991. (poster)
46. Camarata PJ, **Haines SJ**, Lunsford LD, Levine SC, Erickson DL: Cranial nerve preservation after treatment of acoustic neurilemmomas: A comparison of microsurgical excision and radiosurgery, presented at American Association of Neurological Surgeons, New Orleans, LA, April 1991.
47. **Haines, SJ**: Parasagittal and convexity meningiomas, presented at the Congress of Neurological Surgeons, Orlando, FL, 1991.



48. **Haines SJ:** The middle fossa operation for hearing preservation in acoustic neuroma surgery, presented at the Congress of Neurological Surgeons, Orlando, FL, 1991. (poster)
49. **Haines SJ:** Do antibiotics prevent shunt infections? A meta-analysis, presented at the Congress of Neurological Surgeons, Orlando, FL, 1991. (poster)
50. **Haines, SJ:** Lateral skull base approaches, presented at the Congress of Neurological Surgeons, Orlando, FL, 1991.
51. **Haines SJ:** The middle fossa operation for hearing preservation in acoustic neuroma surgery, presented at the Congress of Neurological Surgeons, Orlando, FL, 1991. (poster).
49. **Haines SJ:** Do antibiotics prevent shunt infections? A meta analysis, presented at the Pediatric Section of American Association of Neurological Surgeons, Boston, MA, 1991.
53. Kennedy J, **Haines SJ:** Pediatric esthesioneuroblastoma, presented at the North American Skull Base Society, Acapulco, Mexico, February 1992.
54. **Haines SJ:** The value of randomized clinical trials in evaluating surgical innovation, presented at MN Surgical Society: Fall Meeting, Minneapolis, MN, September 1992.
55. **Haines SJ:** Early experience with neuroendoscopy, presented at the 4th Annual Neuroendoscopy Symposium, Vancouver, BC, December 1992.
56. **Haines SJ:** Symptomatic fusiform dilatation of the internal carotid artery following parasellar surgery in childhood, presented at the Neurosurgical Society of America, Boca Raton, FL, March 1993.
57. Blount J, Campbell J, **Haines SJ:** Propionibacter acnes infections, a treatable cause of chronic headaches in shunted patients, presented at the Pediatric Section of the AANS, San Antonio, TX, December 1993.
58. Campbell J, Blount J, **Haines SJ:** Hydrocephalus: Under arrest or on parole? presented at the Pediatric Section of the AANS, San Antonio, TX, December 1993.
59. Nida T, Nagib M, **Haines SJ:** The impact of simultaneous myelomeningocele repair and shunting on the development of symptomatic Chiari II malformation, presented at the Pediatric Section of the AANS, San Antonio, TX, December 1993.
60. Soumekh B, Levine, SL, **Haines SJ,** Wulf J: A retrospective study of post craniotomy headaches in suboccipital approach, diagnosis and management, presented at the North American Skull Base Society, Orlando, FL, February 1994.
61. Terkonda R, Marentette LJ, **Haines SJ:** Outcome based analysis of the subcranial approach to the anterior skull base, presented at the North American Skull Base Society, Orlando, FL, February, 1994
62. Blount JP, Lushine KA, **Haines SJ:** Selective dorsal rhizotomy: Long term follow up in 60

patients, presented at the American Association of Neurological Surgeons, San Diego, CA, April 1994.

63. **Haines SJ:** Clinical and outcome studies in neurosurgery: Efficiency and efficacy of the randomized clinical trial, presented at the American Association of Neurological Surgeons, San Diego, CA, April 1994.
64. Blount JP, Campbell JA, **Haines SJ:** The multicomplcated shunt patient: Risk factors and possible mechanisms, presented at the American Association of Neurological Surgeons, San Diego, CA, April 1994. (poster)
65. **Haines SJ:** Hemifacial spasm surgical approaches, presented at 12th Annual International Conference of Benign Essential Blepharospasm Research Foundation, Inc., Minneapolis, MN, August 1994.
66. **Haines SJ:** Posterior plagiocephaly, presented at the International Society of Pediatric Neurosurgery, Birmingham, UK, September 1994.
67. **Haines SJ:** Long term follow up of ventriculoperitoneal shunts, presented at the European Society for Pediatric Neurosurgery, Lyon, France, September 1994.
68. **Haines SJ, Olson NP:** Automated vs. percutaneous discectomy: A clinical trial - design considerations, presented at the Joint Section on Disorders of the Spine and Peripheral Nerves annual meeting, Phoenix, AZ, February 1995.
69. Nussbaum ES, Heros RC, **Haines SJ, Erickson DL:** Complications and cost effectiveness of carotid endarterectomy at an academic center, presented at the American Association of Neurological Surgeons, Orlando FL, April 1995. (poster)
70. **Haines SJ, Levine SC:** Retrosigmoid and middle fossa approaches to acoustic neuromas, presented at the Neurosurgical Society of America, The Cloister, Sea Island, GA, June 1995.
71. Rhame F, **Haines SJ:** The role of irradiated freeze-dried dura allografts in postoperative neurosurgical infections, presented at the American Academy of Neurological Surgery, Tucson, AZ, November 1995.
72. **Haines SJ:** Outcome measurement following surgical treatment of subarachnoid hemorrhage, presented at Neurosurgery in Jackson Hole, Teton Village, WY, March 1996.
73. **Haines SJ:** Hearing preservation in acoustic neuromas, presented at the 2nd International Skull Base Congress of the North American Skull Base Society, San Diego, CA, July 1996.
74. **Haines SJ:** Hearing preservation in middle fossa acoustic neuroma surgery, presented at the Pan Pacific Neurosurgery Congress, Maui, HW, March 1997.
75. **Haines SJ, Levine SC, Margolis RH:** Hearing preservation in middle fossa acoustic neuroma surgery, presented at the Joint Meeting of the Neurosurgical Society of America and the British Neurological Surgeons, Cambridge, England, April 1997.

76. Ray SK, Patel SJ, Wilford GG, Saido TC, **Haines SJ**, Hogan EL, Banik NL: Increased Calpain expression and activity in human brain tumors, presented at the Biochemistry and Molecular Biology '99 and ASBMB Satellite Meeting, San Francisco, CA, May 1999. (poster)
77. Patel SJ, Spicer K, VanTassel P, Cherney A, **Haines, SJ**, Gordon L: Phase I results of intra-tumoral infusion of I-131 ch-TNT-1B in the treatment of recurrent malignant gliomas, presented at the Congress of Neurological Surgeons annual meeting. Boston, MA, October 1999. (poster)
78. Welsh CT, Patel SJ, Smith MT, **Haines SJ**: Heterogeneity of desmoplastic infantile gangliogliomas, presented at the annual Neuropathology Conference, San Diego, CA, 1999. (poster)
79. Rush AJ, George MS, Marangell LB, Sackeim HA, Husain MM, Nahas Z, Burt T, Giller C, **Haines SJ**, Simpson RK, Goodman RR. Vagus nerve stimulation (VNSTM) for treatment-resistant depression. Symposium presentation at the Society for Biological Psychiatry's annual meeting, Chicago, IL, 2000.
80. Hopkins TE, **Haines, SJ**: Rapid development of Chiari-I malformation in an infant with seckel syndrome, presented at the Neurological Society of America annual meeting, Amelia Island, FL, June 2001.
81. Figueroa BE, **Haines SJ**, Nichols J, Mendel E: An evidence-based algorithm for cervical spine evaluation following blunt trauma (poster 95). 51<sup>st</sup> Annual Meeting, Congress of Neurological Surgeons. San Diego, CA, September 29 – October 4, 2001.
82. Tantuwaya V, **Haines S**, Tantuwaya L, Mendel E: Early halo immobilization/reduction of acute cervical spine fractures prior to MRI (poster 556). CNS Annual Meeting, San Diego, CA, September 29 – October 4, 2001.
83. Campbell, JW, **Haines, SJ**: Peri-operative heparin for the prevention of thromboembolic disease in neurosurgery – a meta-analysis. Presented at the American Association of Neurological Surgeons Annual Meeting-Poster Program, Chicago, IL, April 2002.
84. **Haines, SJ**, Patel, SJ: Malignant transformation of acoustic neuroma following radiosurgery. NSA/SBNS Annual Meeting, Kiawah Island, SC, April 24, 2002.
85. Rodgers K, **Haines, SJ**: Comparing survival following conventional and stereotactic radiosurgery for the treatment of solitary brain metastases. NSA/SBNS Annual Meeting, Kiawah Island, SC, April 24, 2002.
86. Campbell, J, **Haines, SJ**. Radiosurgery versus resection for acoustic neuroma: a decision analysis. NSA/SBNS Annual Meeting, Kiawah Island, SC, April 24, 2002.

Visiting Professorships

1. Eastern Maine Medical Center, Bangor, ME, March, 1984.
2. Albany Medical College, Albany, NY, February 20, 1986.

3. University of Toronto, Toronto, Ontario, December 14-16, 1988.
4. University of Arkansas, Little Rock, AR, June 26-28, 1991.
5. University of Pittsburgh, Pittsburgh, PA, February 6-8, 1992.
6. Henry Ford Hospital, Detroit, MI, January 6-7, 1995.
7. University of Indiana, Indianapolis, IN, May 17-19, 1996.
8. University of Nebraska, Omaha, NE, April 14-15, 1998.
9. Thomas Jefferson University, Philadelphia, PA, January 20-21, 2000
10. Stanford University, Stanford, CA, March 24, 2000
11. Allegheny General Hospital, Pittsburgh, PA, October 23-24, 2001
12. New York Medical College, Valhalla, NY, October 24-25, 2002